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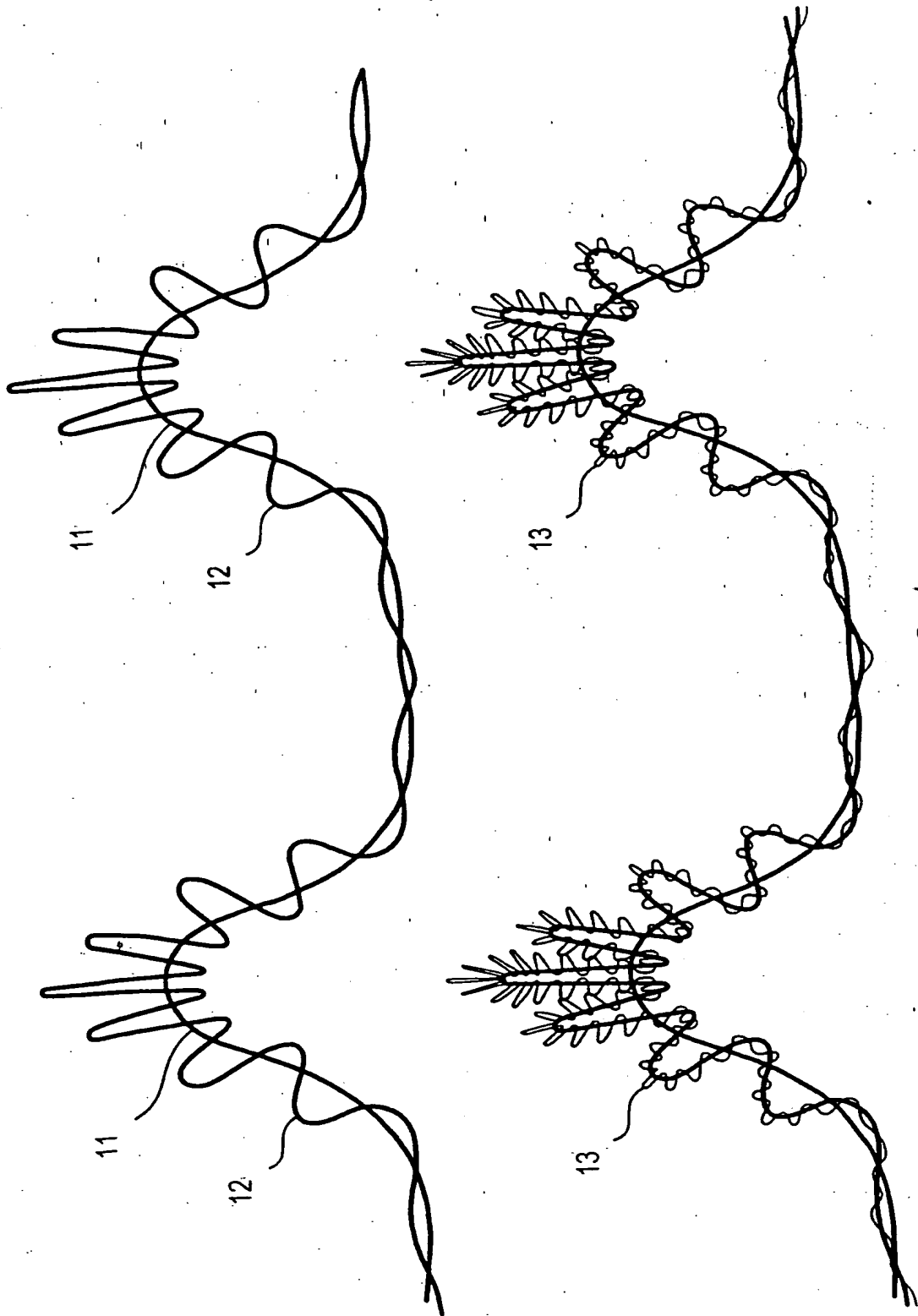


FIG. 1

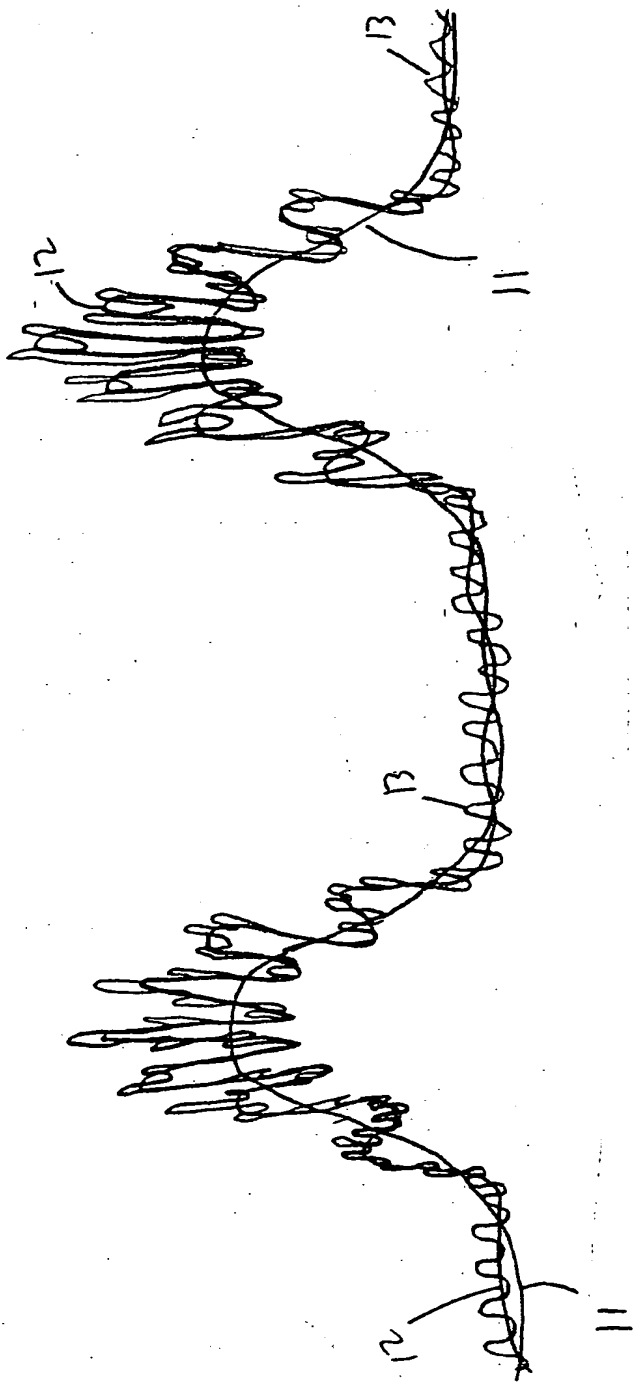


FIG. 2

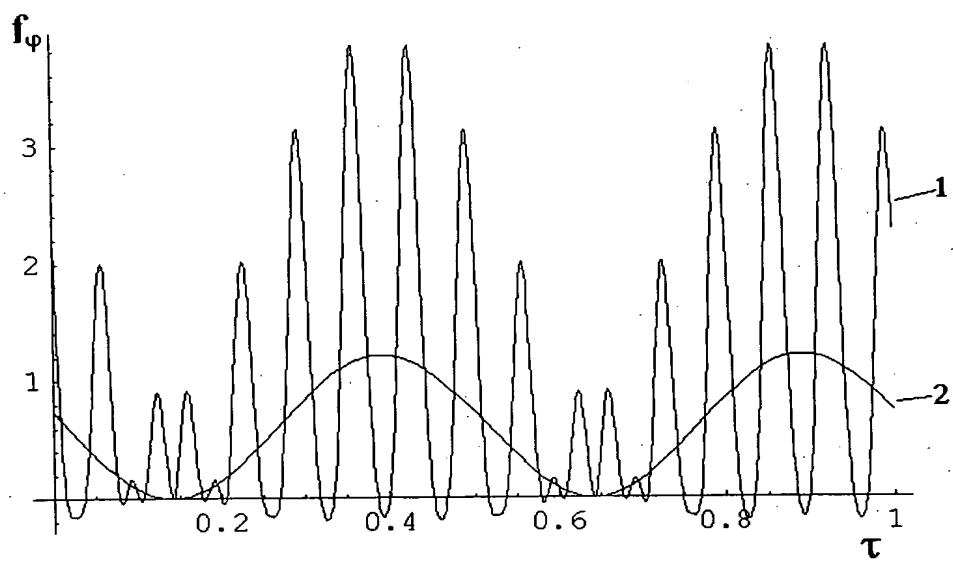


FIG. 3

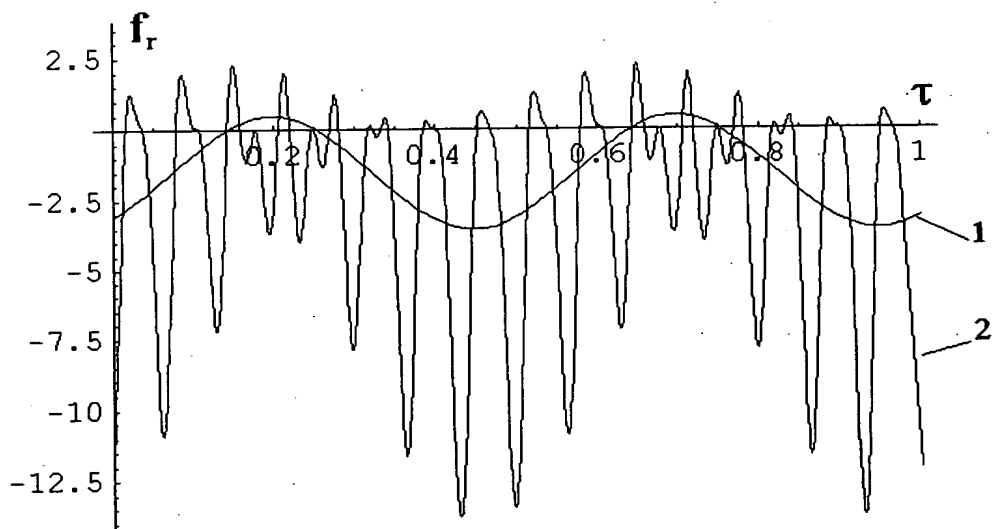


FIG. 4

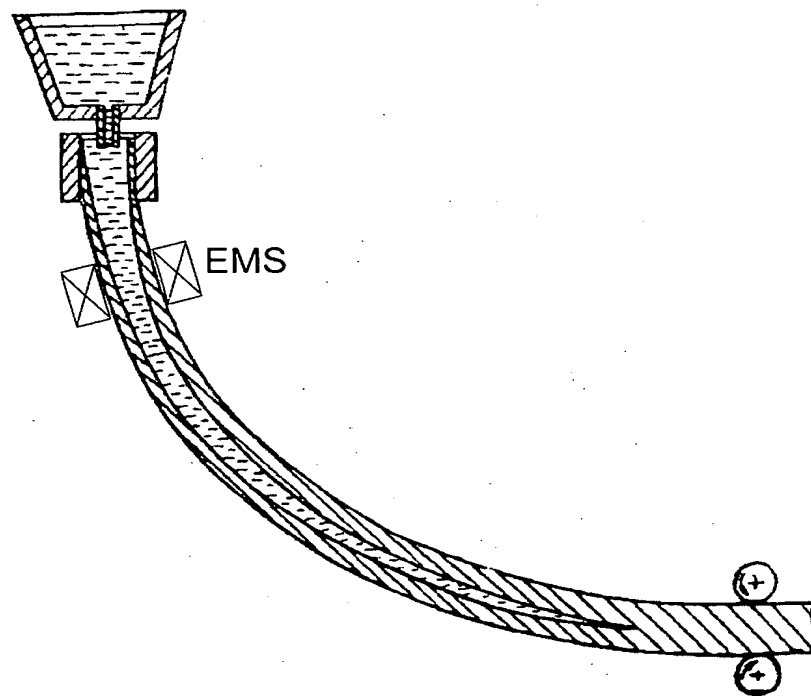


FIG. 4A

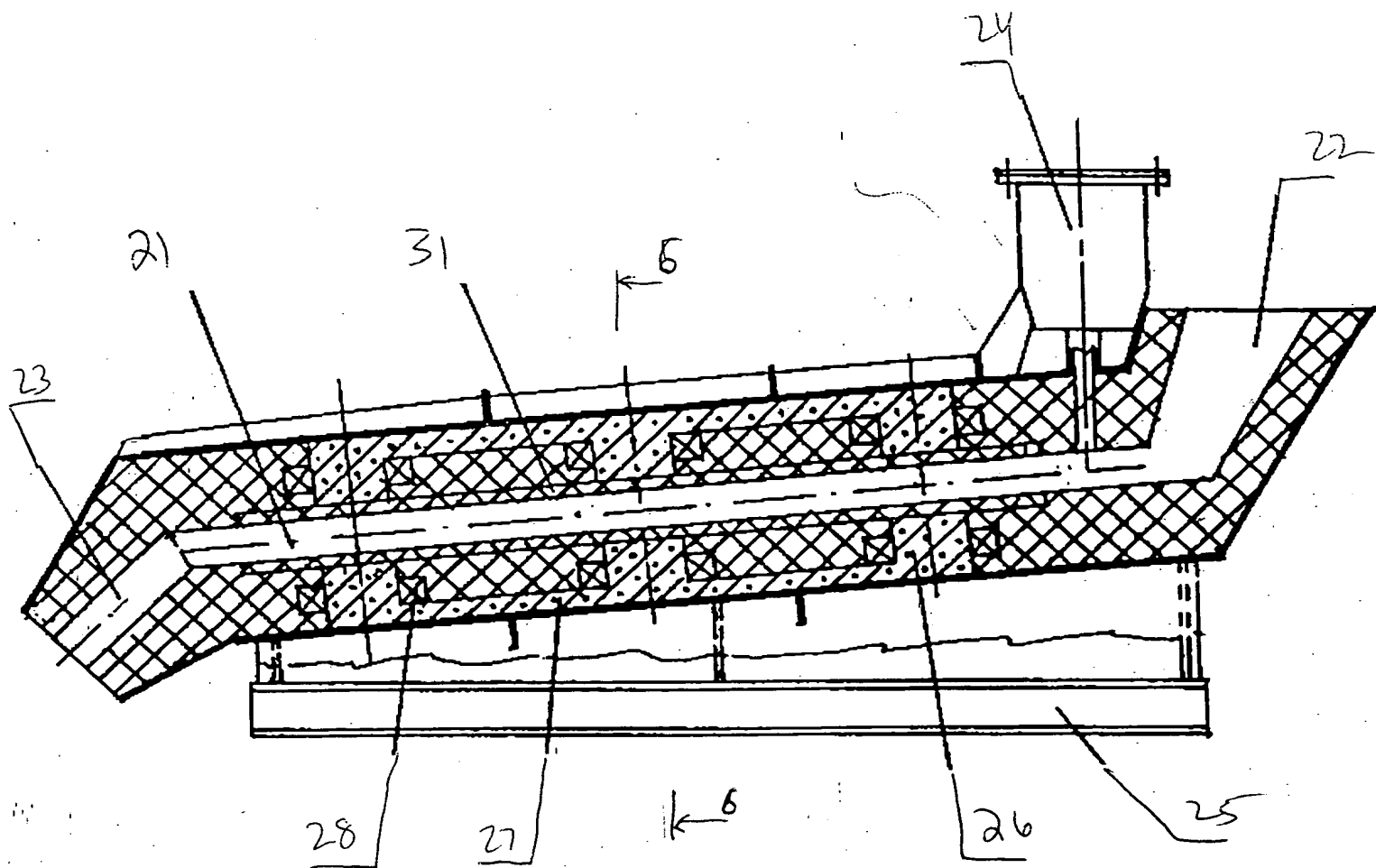


FIG. 5

B-B

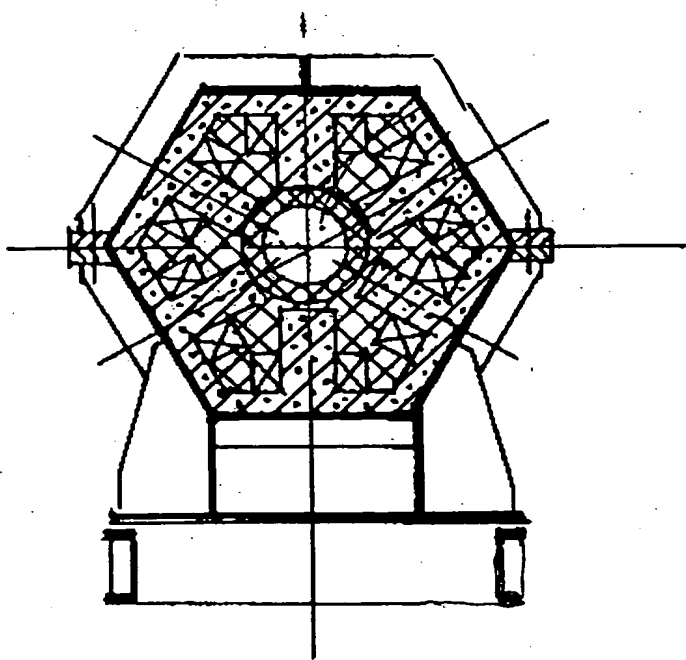


FIG. 6

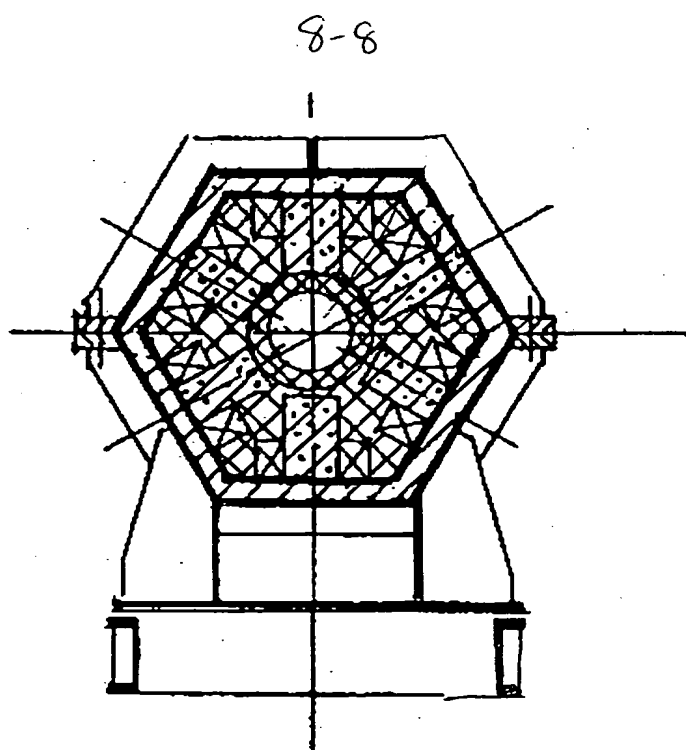
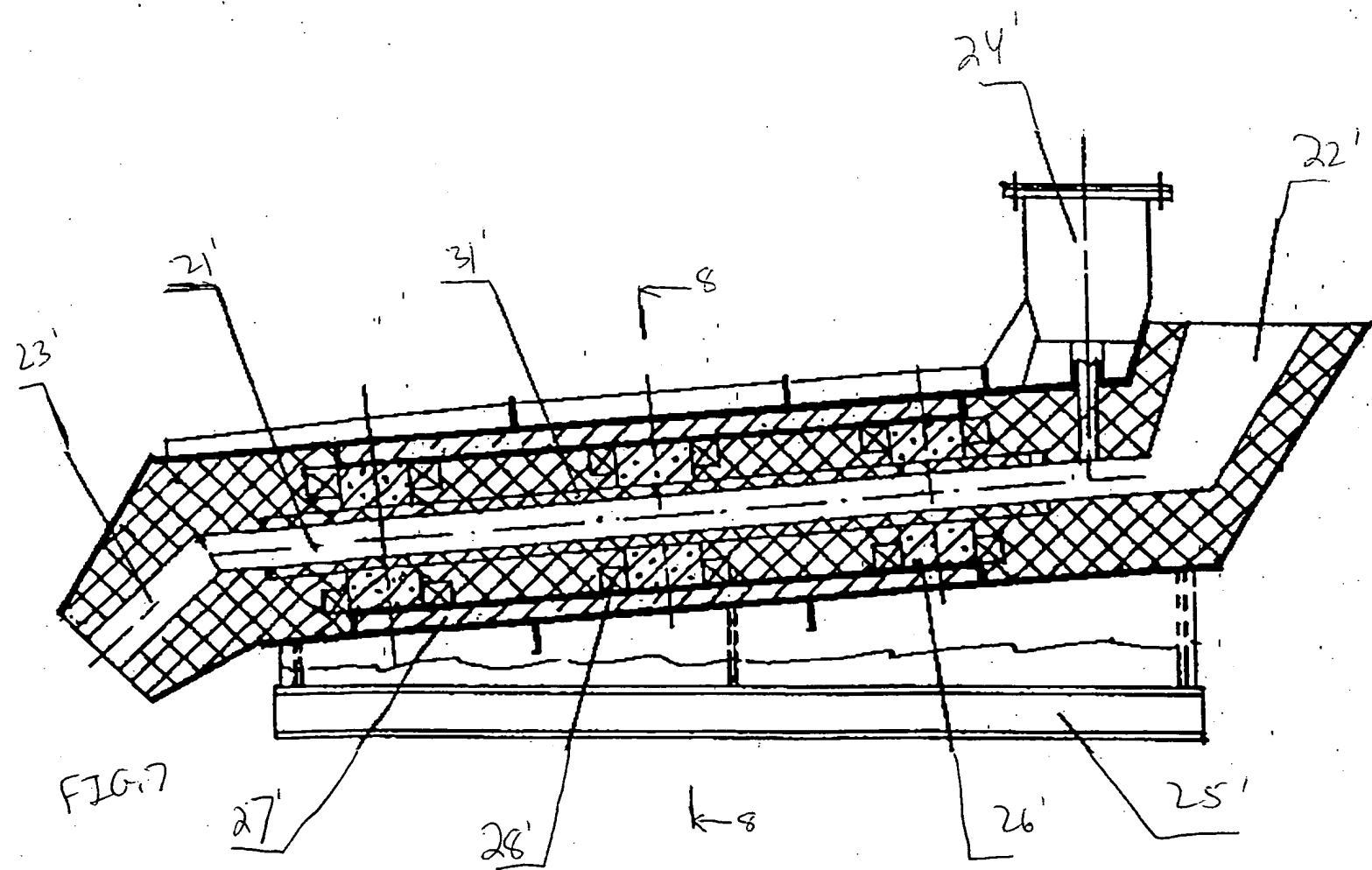


FIG. 8

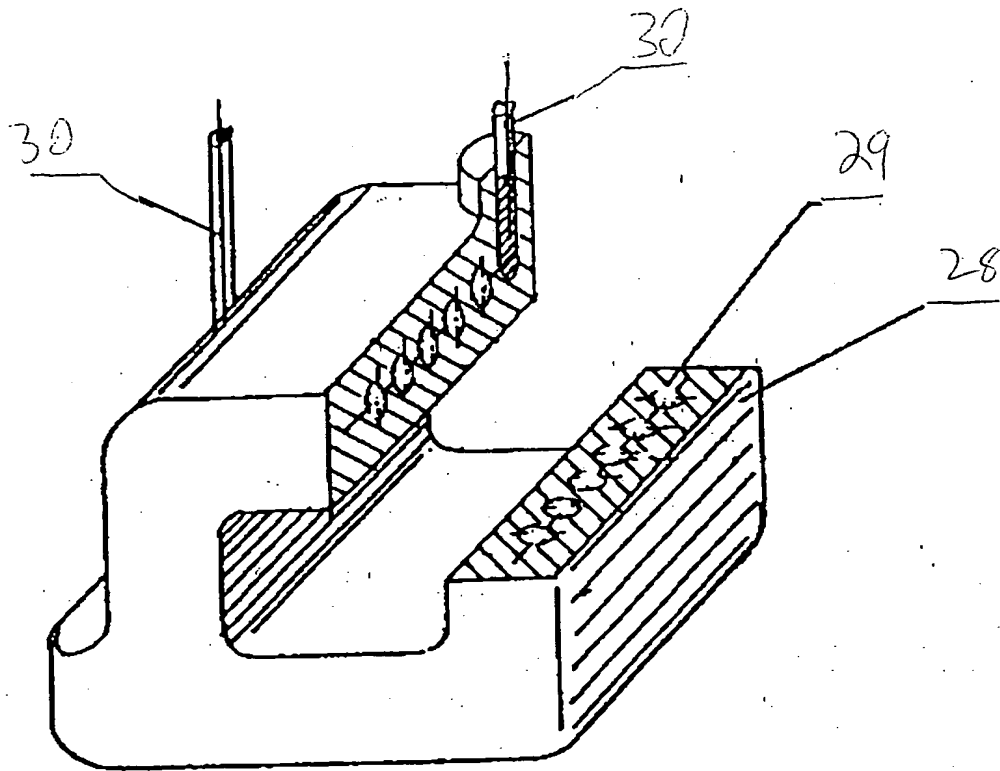


FIG. 9

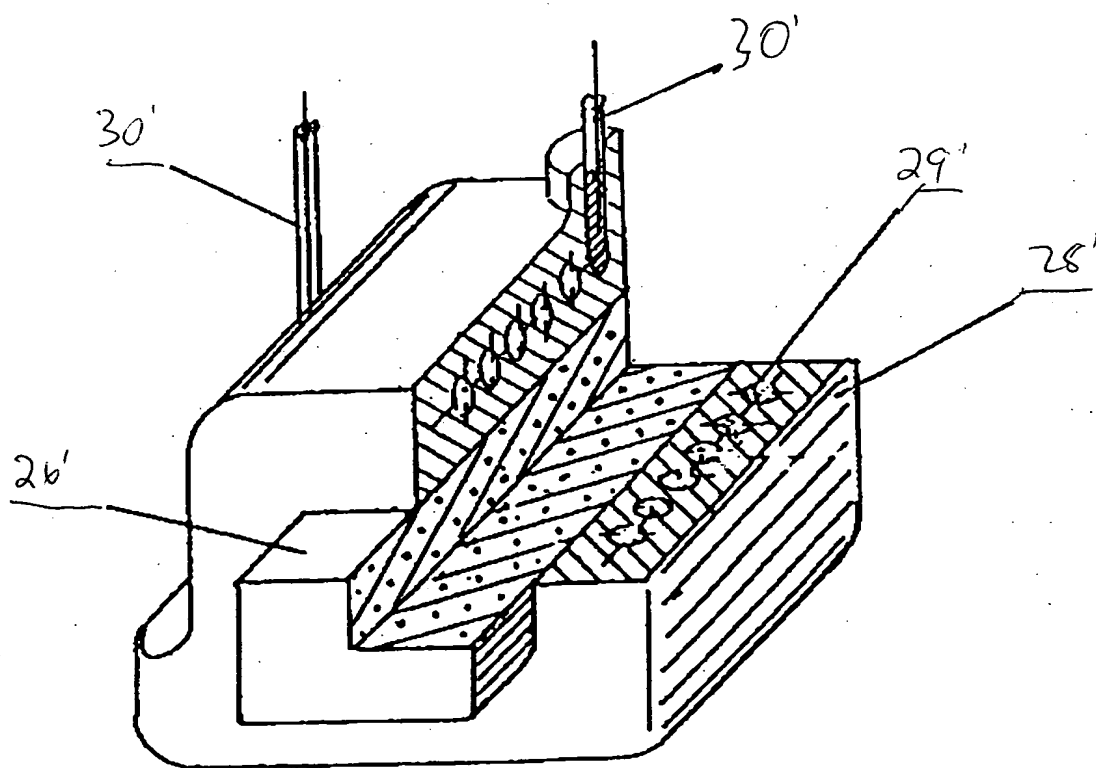
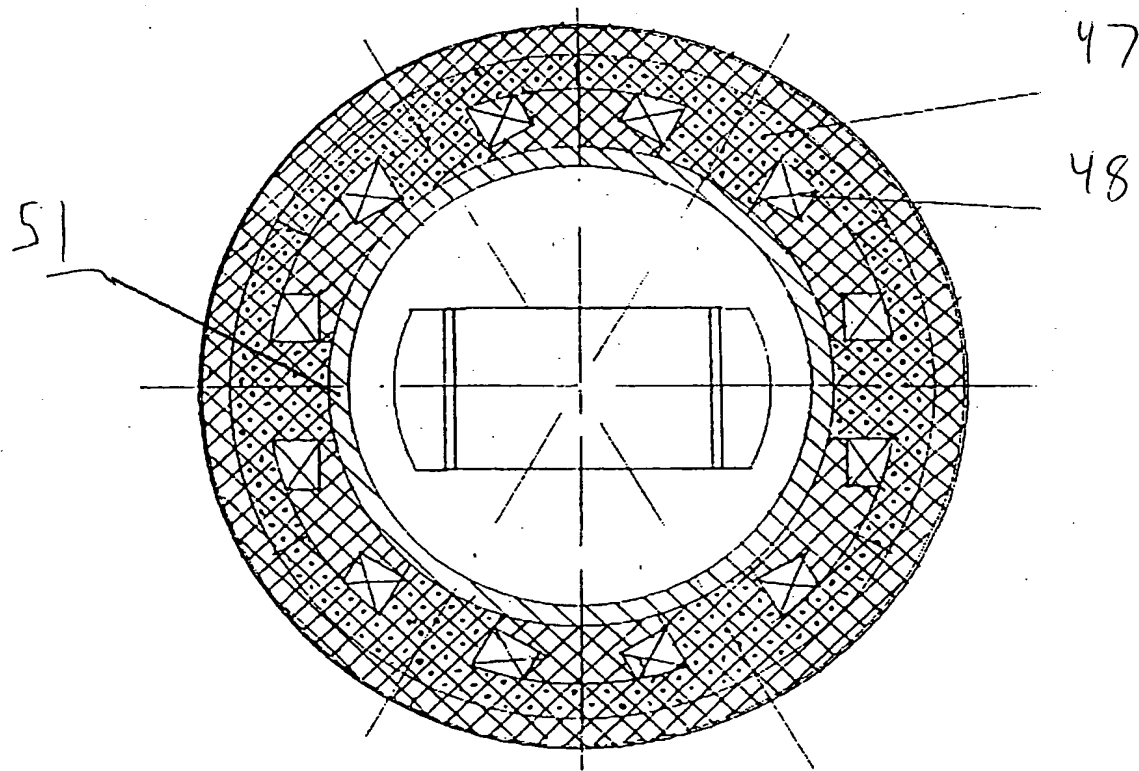
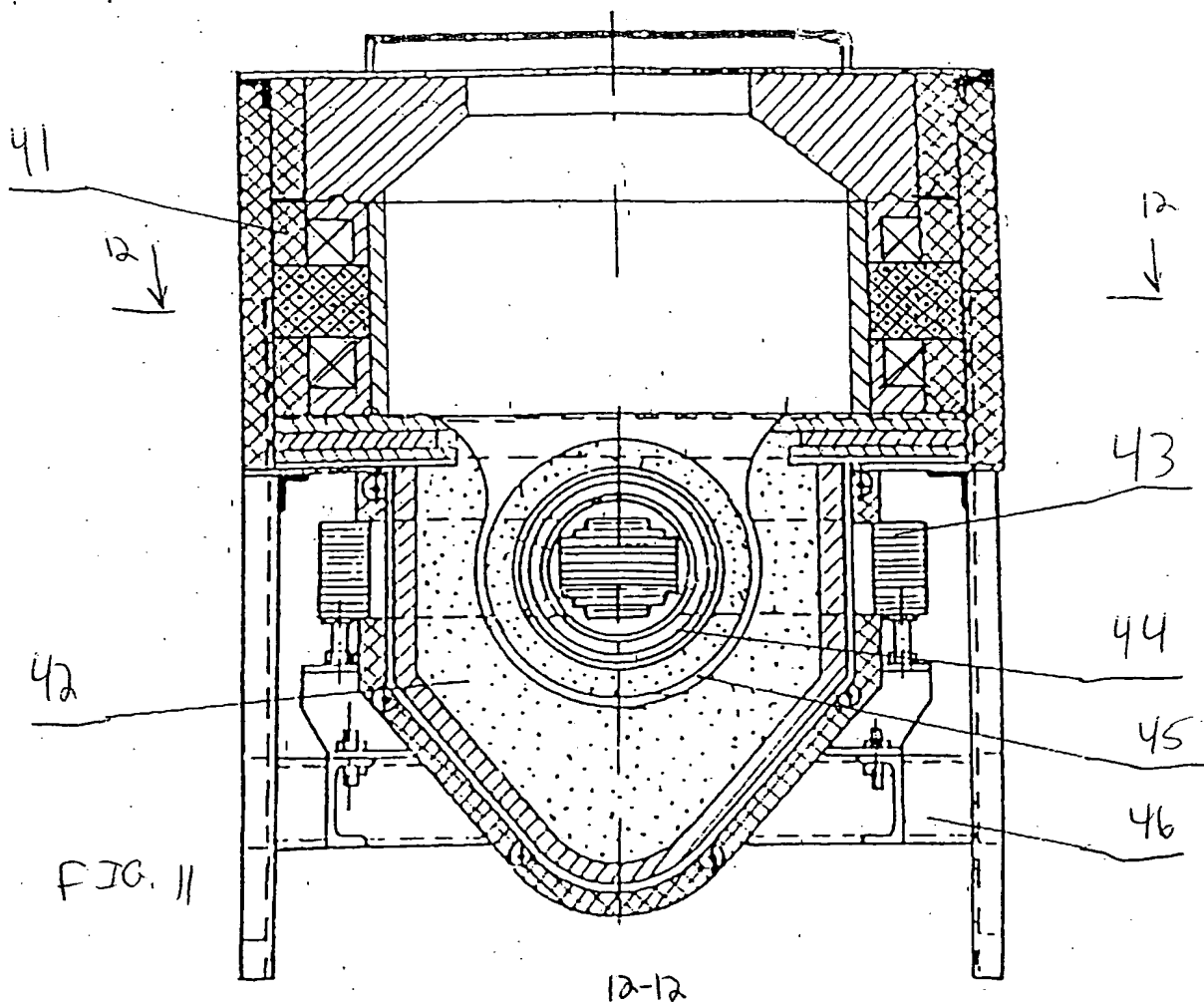
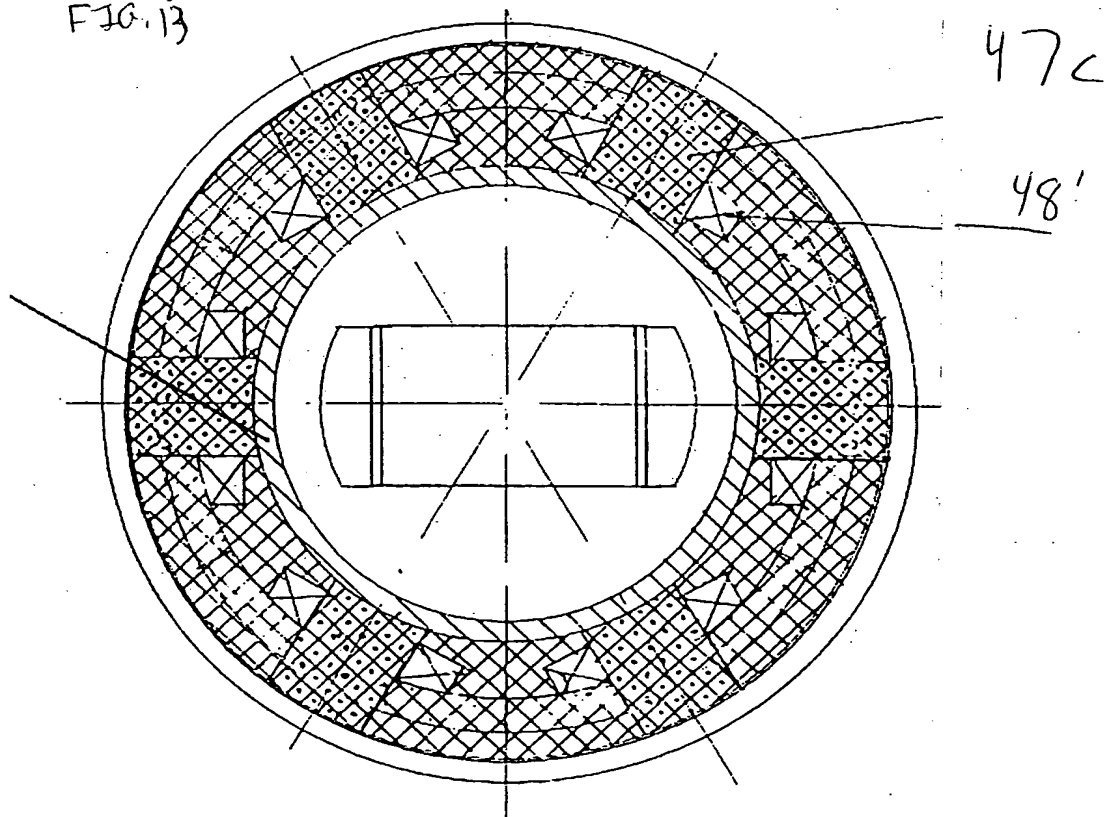
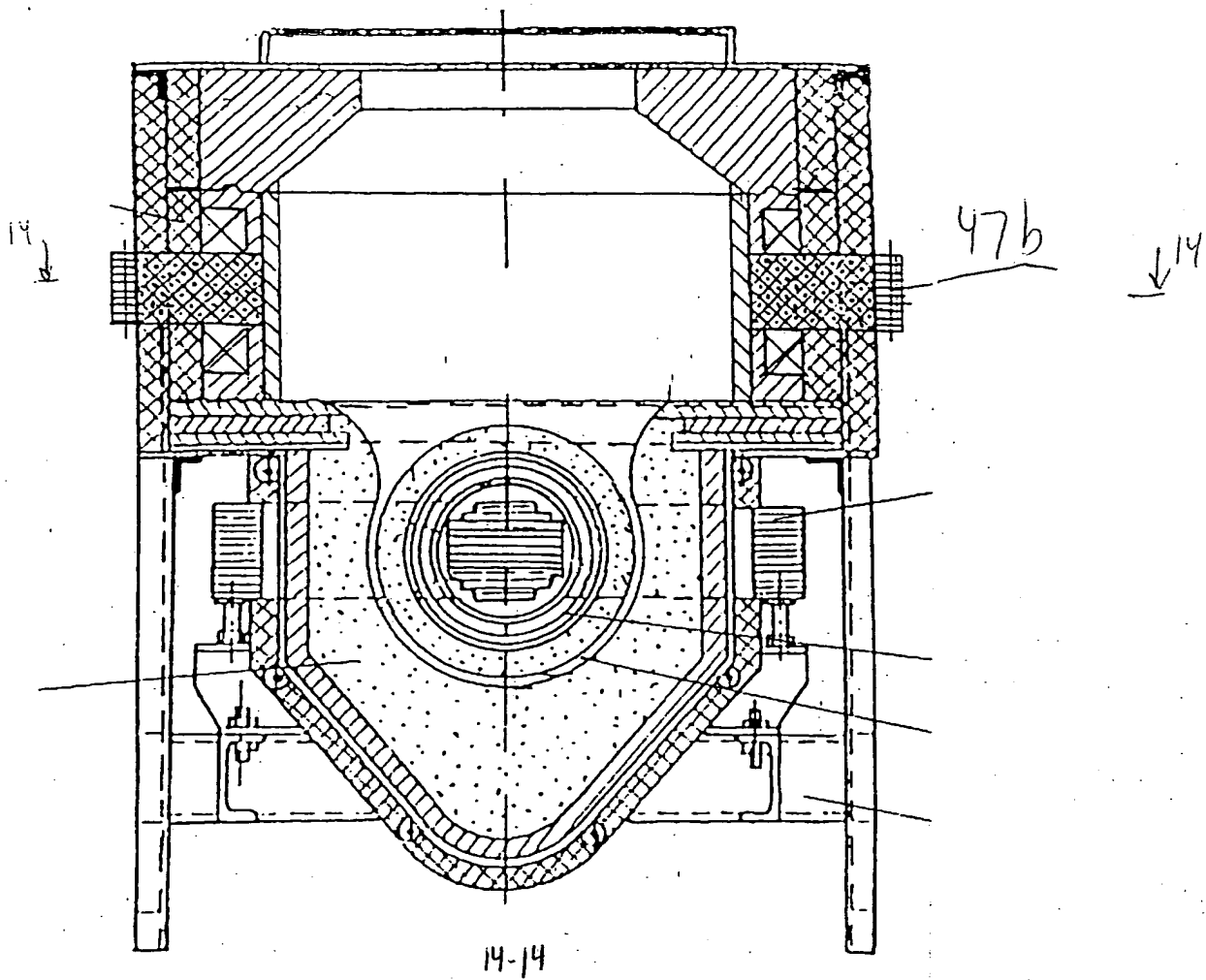


FIG. 10





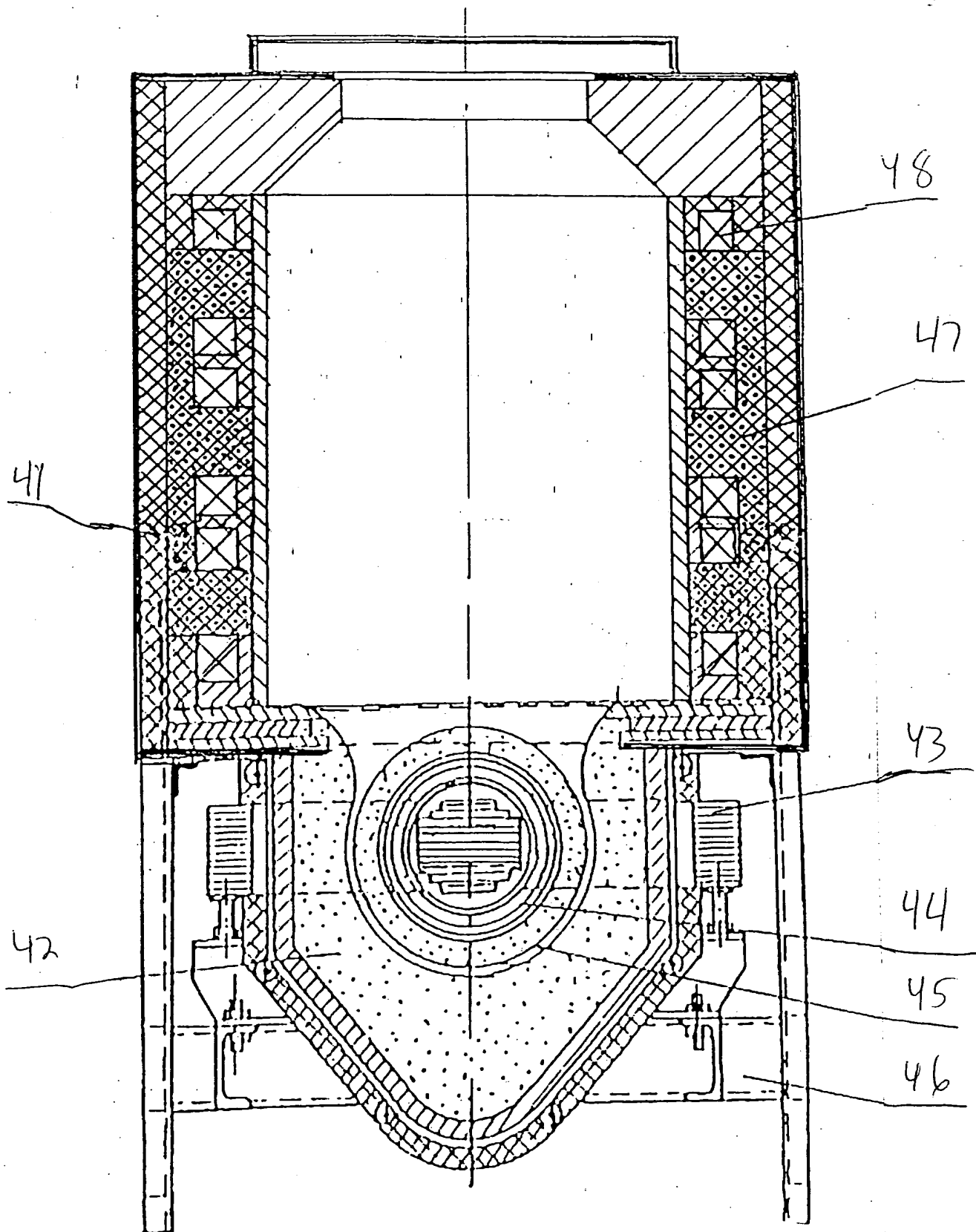
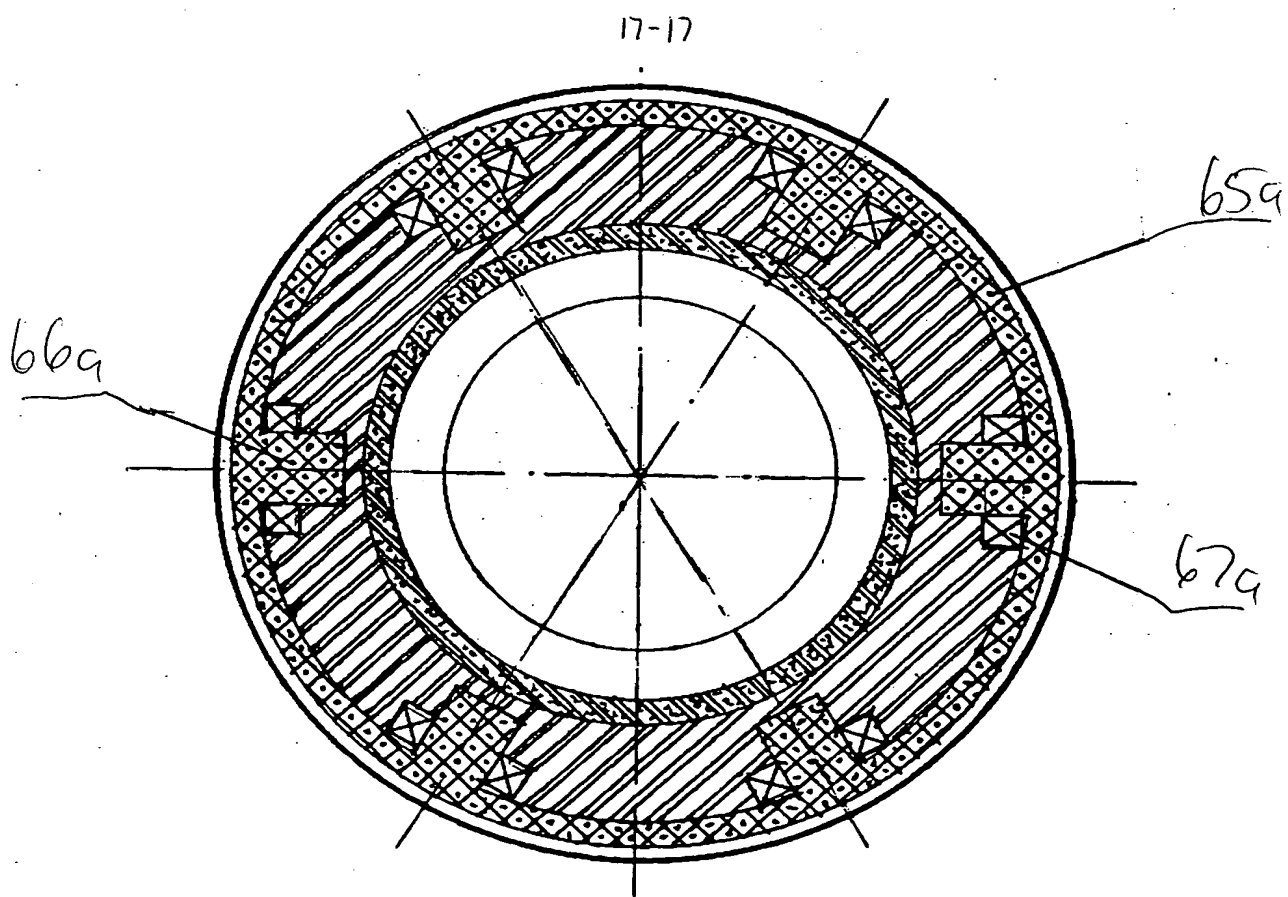
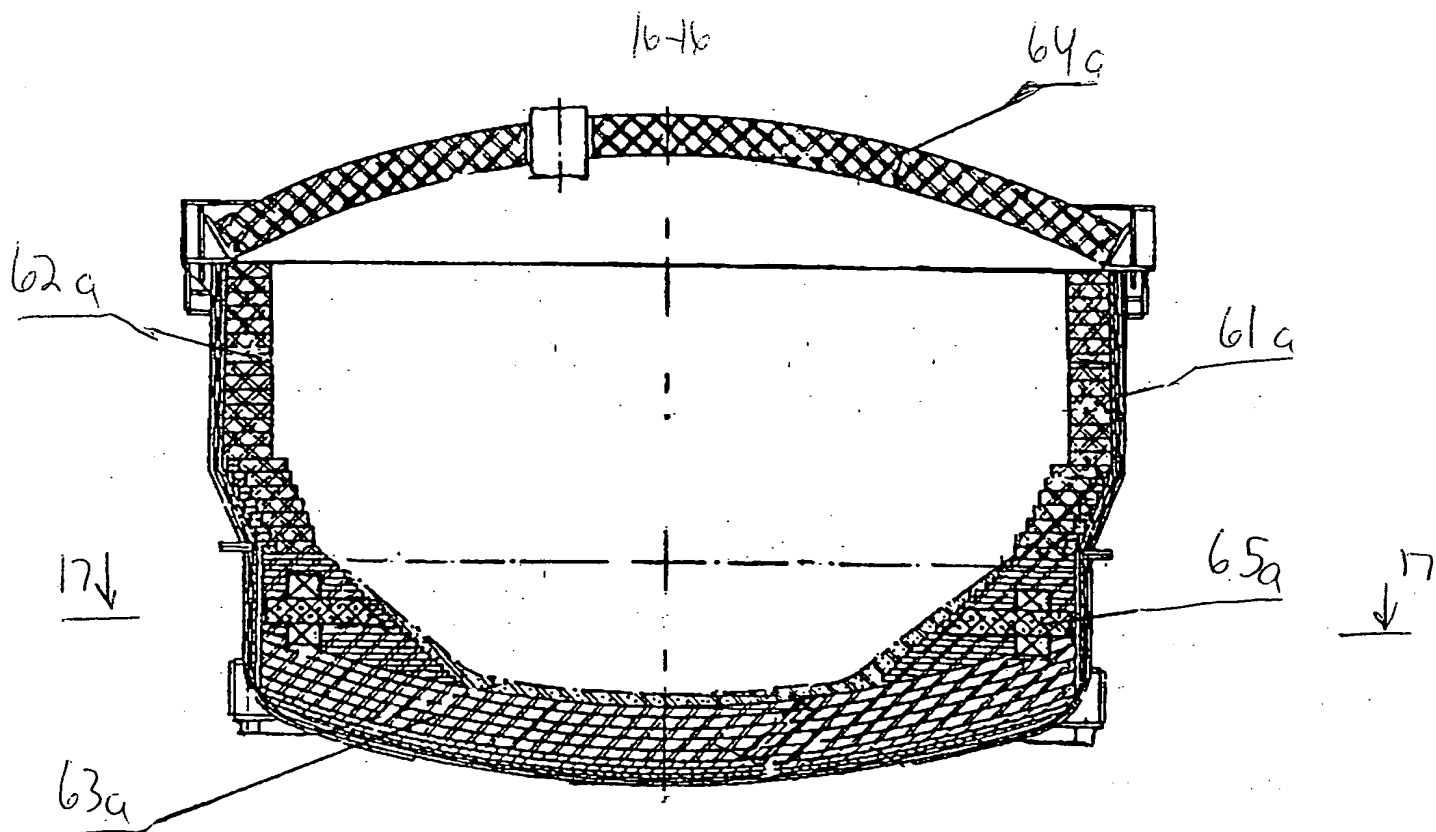


FIG. 15



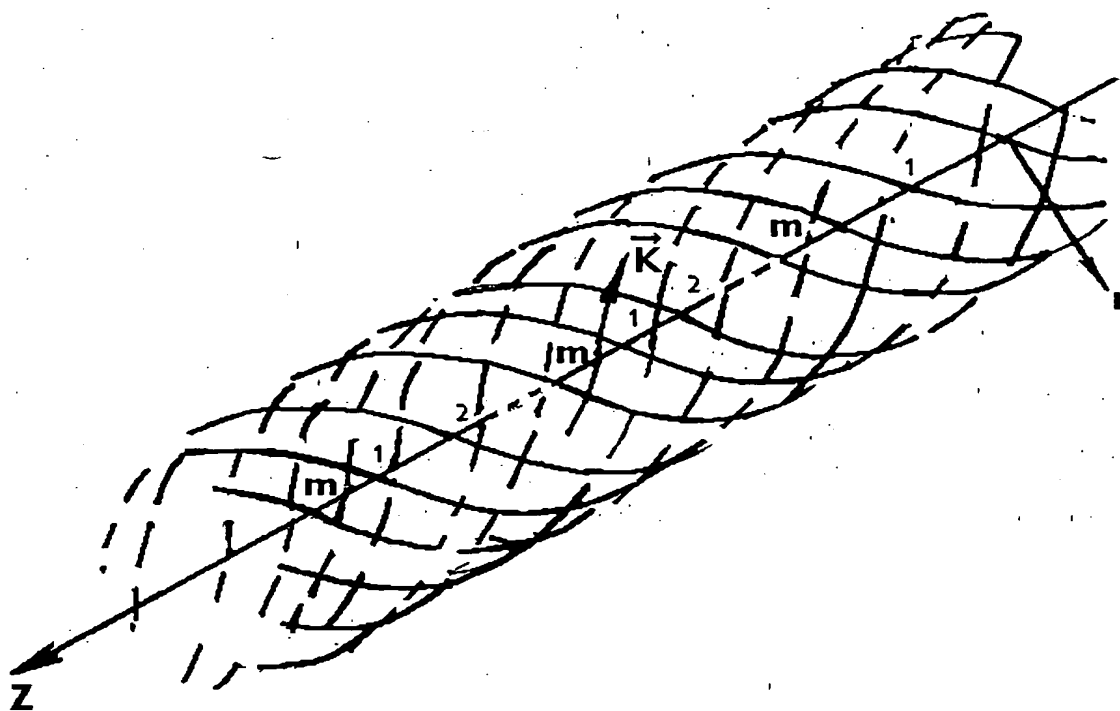


FIG. 18

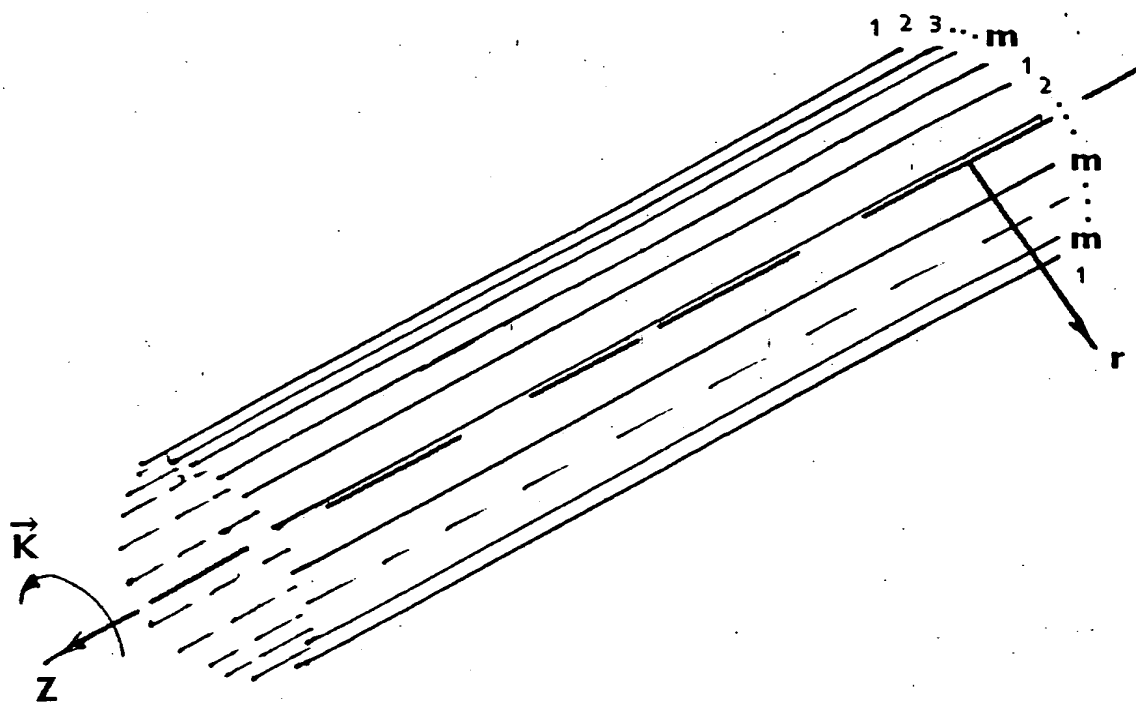


FIG. 19

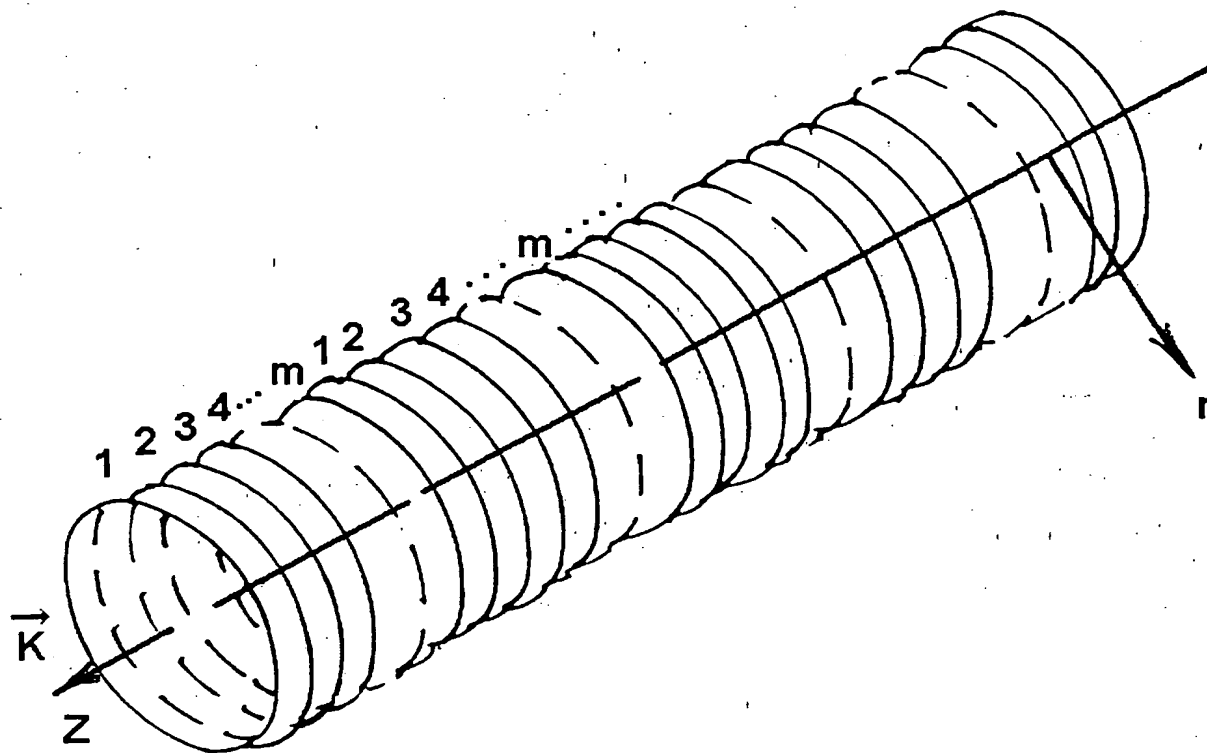


FIG. 20

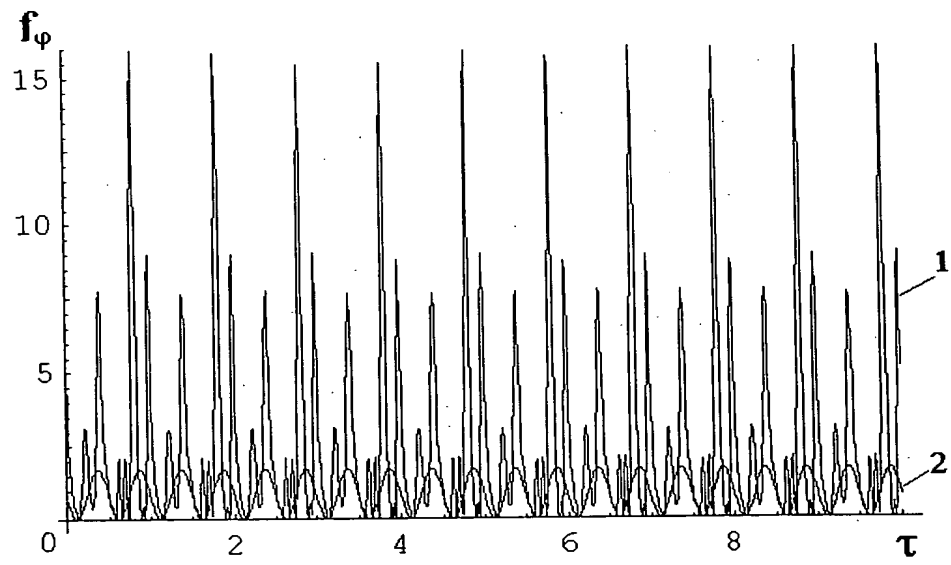


FIG. 21

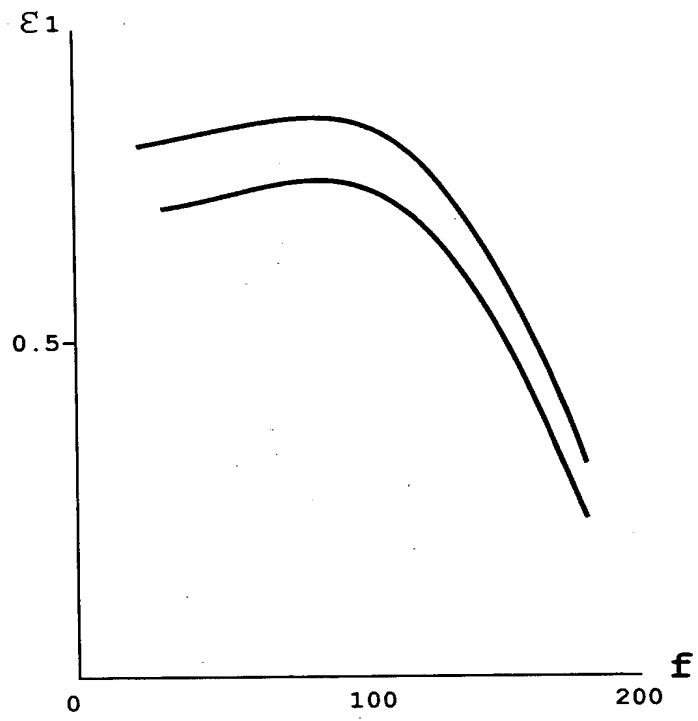


FIG. 22

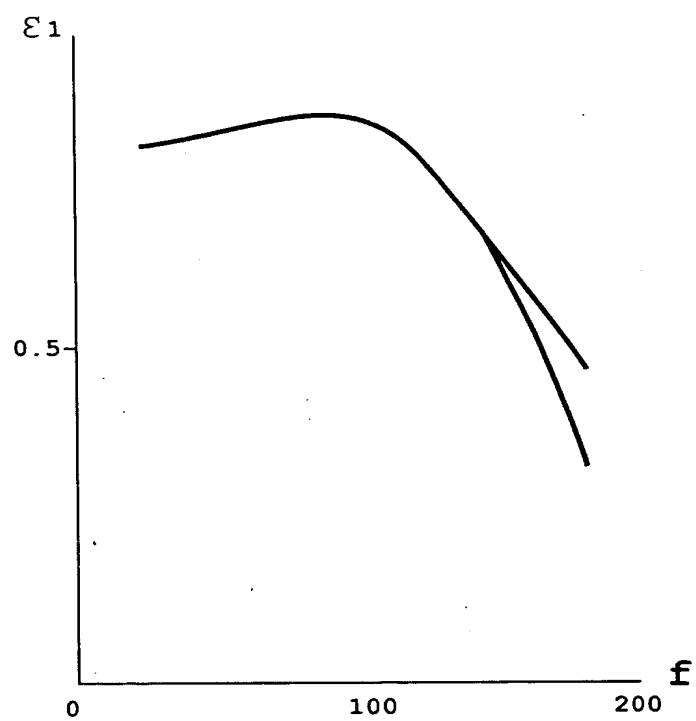


FIG. 23

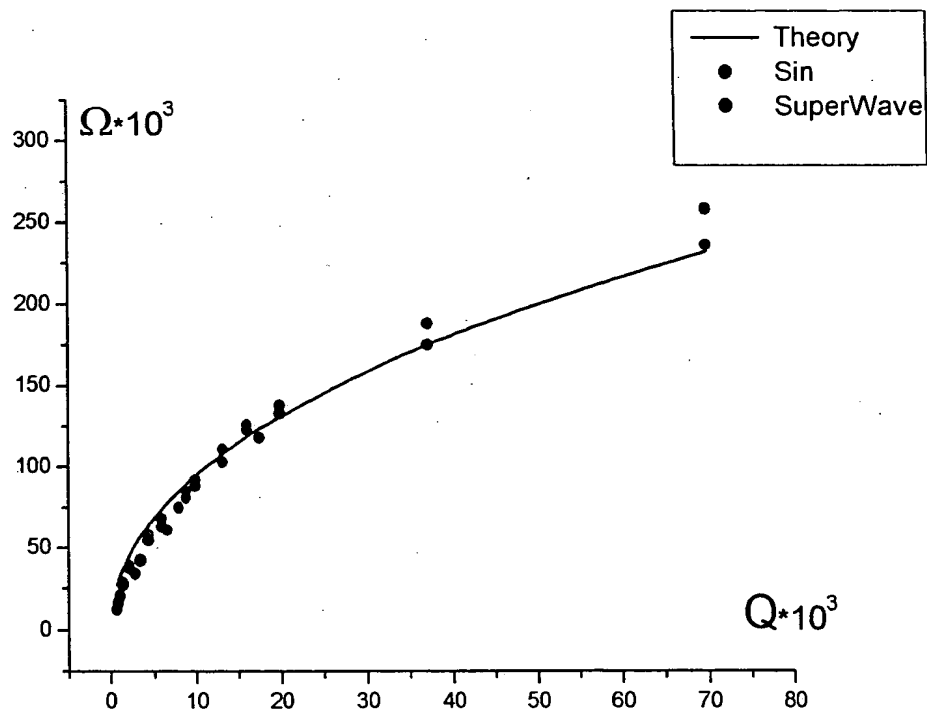


FIG. 24

Aluminum Alloy Melting Rate  
( $T=720\text{ C}$ ,  $n=256\text{ rpm}$ )

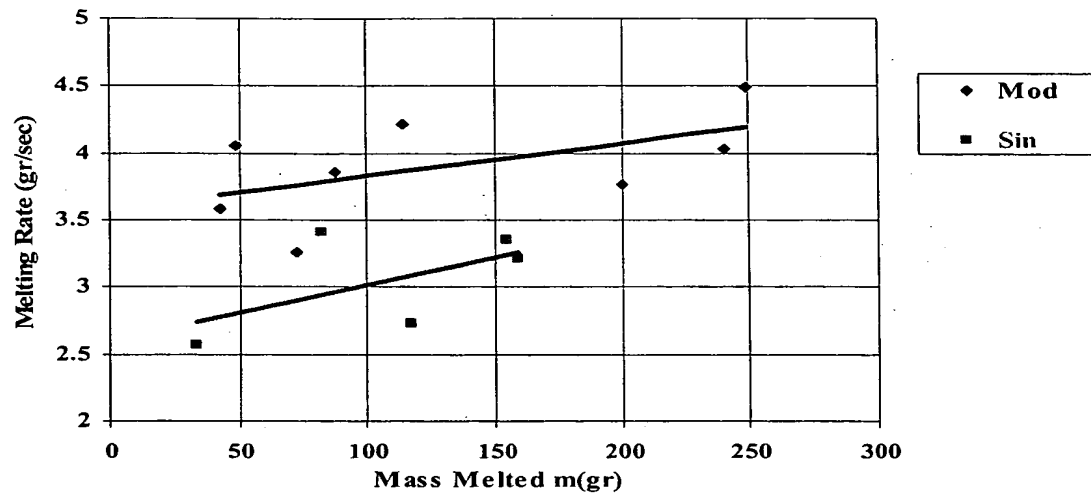


FIG. 25

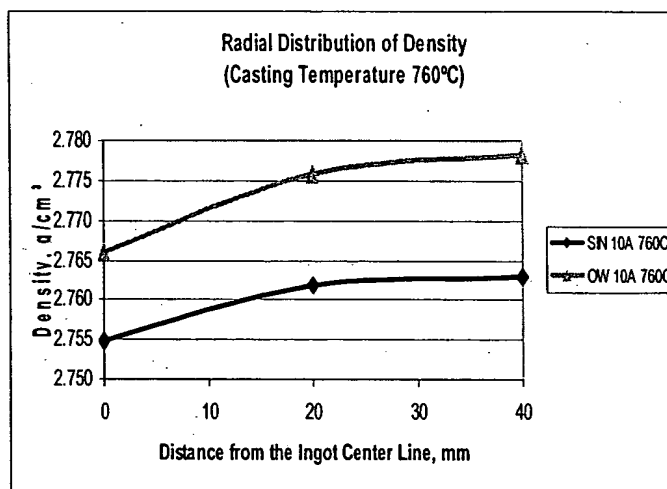


FIG. 2b